IDIS Mobile

Architectural and Engineering Specifications

Version 1.0

(Jan. 10, 2017)

**PART 2 - PRODCUTS**

**Division 28 – Electric Safety and Security**

**Section 28.20.00 – Electronic Surveillance**

**Section 28.23.00 – Video Surveillance**

**Section 28.23.29 – Video Surveillance Remote Devices and Sensors**

## Developed by

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## General

### Product Description

IDIS Mobile is an application for connecting to a device (NVR or network camera) using a mobile device (Android platform, iPod Touch, iPhone or iPad) and remotely monitoring videos via a network connection.

### General Specification

1. IDIS Mobile shall be provided free of charge for monitoring with IDIS surveillance products.
2. IDIS Mobile shall provide live screen based monitoring support, two-way audio communication,

 remote PTZ control.

1. IDIS Mobile shall support various search and playback options.
2. IDIS Mobile shall be operated under the Wi-Fi or mobile network(3G/LTE) by the apple and android

 mobile device.

## Key Feature

1. Supports Android(4.0.0 or later), iOS(7.0 or later).
2. Supports 16 divided screen surveillance.
3. Controls PTZ, color, alarm out feature.
4. Supports easy connection to dynamic IP device through FEN Service.
5. Support Event Push Notifications.

## Hardware Supported

1. Supported Devices
2. Supports NVR, HD-TVI DVR and Network Camera. (Connecting to certain devices may not be supported depending on device’s specifications and version.)
3. Channels
4. Up to 16 channels simultaneous real time live monitoring in single mobile device.
5. Maximum numbers of device registration: Unlimited

### Features

1. Two-way Audio Communication (Half-duplex)
2. PTZ
	1. Remote PTZ Control
3. Languages: English, Korean (Follow device OS language setting)
4. Device Registration
	1. Manual device registration(Enter a name, address, port, user ID and password of the device)
	2. Exporting devices settings
	3. Device registration with FEN
5. Image Quality
	1. H.265/H.264/MJPEG formats
6. Registered devices favorite list

### Live Monitoring

1. Split Screen Mode
	1. Full HD live streaming: 1/4/9/16 (Seamless viewing)
2. Sequence Mode
	1. Up to 16 splits (32/64 channels: Additional channels can be watched on the next page.)
3. PTZ Control (Only supported in 1x1 layout, this function is not supported if a PTZ camera was not configured on the device.)
	1. Pans the PTZ camera.
	2. Show list of device’s presets.
	3. Zoom In/Out.
	4. Near/Far Focus.
	5. Close/Open Aperture.
4. Fisheye camera dewarping
5. Functions
	1. OSD On/Off, Captures the current frame.

### Search and Playback

1. Search mode
	1. Event query, calendar
2. Video control
	1. Play/Pause, Go to previous/next video, High-speed rewind/playback, Go to beginning/end.
3. Functions
	1. Digital zoom
	2. Fisheye camera dewarping

### Event Monitoring

1. A user can search events in search & play modes.
2. From/To: Define the search range by specifying the starting and ending times and dates.
3. Select Cameras: Designate the target camera.
4. Select Event
	1. Event Type : Alarm-in, Text-in, Motion detection, Video Loss, Audio detection, Trip zone, Tampering, Face detection, Recording fail, Fan error, System event
5. Calendar Search
	1. A user can search videos recorded from specific date and time

### Push Message

* + - 1. A user receives device-event alerts on the mobile device as push message.

(This feature is available only with devices that support push messaging and needs to be set up

 beforehand in order to function correctly.)

# Version History

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| --- | --- | --- | --- |
| **Version** | **Writer** | **Revision Date** | **Remarks** |
| 1.0 | Brandon Jo | Jan. 10, 2017 | Initial Release |